

Currently Untitled
Computer Science Senior Capstone
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Project Plan:

Our plan is to build a book website that readers can use to track their reading process, get recommendations, and interact with other readers. It will be similar to Goodreads.

The website will include building profiles, so users will be able to log in to their own profile and track their progress. It will also include recommendations for similar books or authors based on their reading habits. The website can include spaces for readers to talk and interact about their opinions, but some words may be limited for friendliness. The website should also include tracking book progress as well as setting monthly and/or yearly goals. Using Python, we will add statistics on users' habits.

Unlike Goodreads, our website could have the feature of looking up other users with the same characteristics on their profile as yourself (favorite author/book, location). Our website will also include leaderboards for users with the most books read and a leaderboard for books with the most readers/highest rating.

Books and authors will be collected from Goodreads and OverDrive. The website will be hosted on Amazon Web Services.

Languages/Software Needed:

Languages:

- HTML
- CSS
- JavaScript
- Python

Software:

- VS Code
- Django
- Apache HTTP Server
- Amazon Web Services
- MySQL